



To: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NEW APPLICATION TRANSMITTAL – UTILITY**

Sir:

Transmitted herewith for filing is a **Utility** patent application:

**Inventor(s):** Christoph D. Karp, 335 South Grand Oaks Avenue, Pasadena, CA 91107, USA  
Marci Pezzuto, 491 Athens Street, Altadena, CA 91001, USA

**Title:** SYSTEMS AND METHODS FOR DETECTING MANUFACTURING  
DEFECTS IN MICROFLUIDIC DEVICES

**I. PAPERS ENCLOSED HEREWITH FOR FILING UNDER 37 CFR § 1.53(b):**

- 11 Page(s) Written Description  
2 Page(s) Claims  
1 Page(s) Abstract  
5 Sheets of Drawings ☐ Informal ☒ Formal

**II. ADDITIONAL PAPERS ENCLOSED IN CONNECTION WITH THIS FILING:**

- ☒ Declaration  
☒ Power of Attorney ☒ Separate ☐ Combined with Declaration  
☒ Corporate Resolution  
☒ Assignment to Nanostream, Inc. and Recordation Form Cover Sheet  
☐ Non-Publication Request Under 35 U.S.C. 122(b)(2)(B)(i)  
☒ Information Disclosure Statement w/ PTO 1449 ☒ Copy of Non U.S. Citations  
☐ Preliminary Amendment  
☐ Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35.  
☒ Return Postcard

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CERTIFICATE OF MAILING  
(37 C.F.R. § 1.10)

I hereby certify that this paper (along with any referred to as attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office to Addressee' in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ER506382947US  
Express Mail Label No.

March 10, 2004  
Date of Deposit

Roger Gendron  
Name of Person Mailing Paper

Signature of Person Mailing Paper

III.

**PRIORITY**

- ☒ Priority of U.S. Provisional Patent Application Serial No. 60/454,968 filed March 14, 2003 and currently pending in the United States Patent & Trademark Office is claimed under 35 U.S.C. § 120. The present application is filed as a Utility application pursuant to 37 CFR § 1.53(b)(2).

IV.

**THE FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:**

- ☒ Applicant claims small entity status pursuant to 37 CFR § 1.27

BASIC FILING FEE							\$770.00
Total Claims	16	-	20	=	0	x \$18.00	\$0.00
Independent Claims	2	-	3	=	0	x \$86.00	\$0.00
Multiple Dependent Claims	\$290 (if applicable)					<input type="checkbox"/>	\$0.00
TOTAL OF ABOVE CALCULATIONS							\$770.00
Reduction by ½ for Filing as Small Entity. Note 37 CFR §§ 1.9, 1.27, 1.27 if applicable, as asserted above.							\$385.00
<input checked="" type="checkbox"/>							
Misc. Filing Fees (e.g. Recordation of Assignment - \$40)							\$40.00
TOTAL FEES DUE HEREWITH							\$425.00

V.

**METHOD OF PAYMENT OF FEES**

- ☐ A check in the amount of \$0.00.
- ☒ Authorization to charge Deposit Account No. 502454 for the fees in total.
- ☐ This application is being filed without fee or Declaration under 37 CFR § 1.53.

VI.

**AUTHORIZATION TO CHARGE OR CREDIT FEES**

The Commissioner is authorized to credit any overpayment or debit any underpayment in the total fees to Nanostream's Deposit Account No. 502454.

VII.


**CORRESPONDENCE ADDRESS**

Please send all correspondence and direct all inquiries to Vincent K. Gustafson at the Customer Number noted below.

**USPTO Customer No.: 32763**

Respectfully submitted,

Dated: 3/10/04

  
Michael F. Labbee

Reg. No. 39,738

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